ISSUE SLIP STAPLE AREA (for additional cross references) POSITION INMALS ID NO. DATE FEE DETERMINATION O.I.P.E. CLASSIFIER FORMALITY REVIEW *5*54 INDEX OF CLAIMS Rejected Allowed Interference Appeal (Through numeral)... Canceled Restricted Objected Date Claim 61 43 If more than 150 claims or 10 actions staple additional sheet here (LEFT INSIDE)

Index of Claims



Application No.

09/392,822

Examiner

Applicant(s)
YU ET AL.

Art Unit

Joseph T. Woitach

1632

√ Rejected
= Allowed

_ (Through numeral)
Cancelled

Restricted

N Non-Elected
I Interference

A Appeal
O Objected

| | | Ц. | ٠ | | | | J | | | <u> </u> | _ |
|------------------------|--|----------|---------------|----------|----------|--------------|--------------|---------------|----------|----------|-----|
| Cla | im | | | | | Dat | | | | | 1 |
| Cla | 11111 | <u> </u> | _ | 1 | Т | Dat | _ | 1 | 1 | 1 | ┨ |
| _ | Original | 0/7/11/ | ļ | | | | l | 1 | | | L |
| Final | ij | 4 | İ | | | l | | | | l | l |
| "- | ŏ | / | | | 1 | | | | | | |
| <u> </u> | | Δį | ┰ | <u> </u> | - | - | ┢ | - | ┢ | | |
| | 1 2 3 4 5 6 7 | V | ┝ | ⊢ | ▙ | ₩ | ┝ | ⊢ | | | 1 |
| | 2 | | <u> </u> | - | ├ | - | | <u> </u> | <u> </u> | <u> </u> | 4 |
| | 3 | ļ | | ├ | <u> </u> | <u> </u> | <u> </u> | | _ | | ľ |
| <u></u> | 4_ | <u> </u> | <u> </u> | ļ | ļ | ⊢ | <u> </u> | <u> </u> | ├ | <u> </u> | 1 |
| <u> </u> | 5 | | | <u> </u> | ļ | ┞ | ļ | <u> </u> | ├- | | Į |
| | 6 | ļ. | | L | <u> </u> | <u> </u> | <u> </u> | L | <u> </u> | _ | ľ |
| | | L., | _ | | | | <u> </u> | <u> </u> | L. | | |
| | 8 | <u></u> | <u> </u> | ļ | _ | L | | L | ┕ | ┖ | ŀ |
| | 9 | | | | | ļ., | <u> </u> | | L | ļ | 1 |
| | 10 | | | | L | _ | <u>L</u> . | | | <u></u> | 1 |
| | 11 | | _ | | | _ | _ | L | | L | 1 |
| | 12 | | | | L. | L | | | <u> </u> | | |
| $oxed{oxed}$ | 13 | Ц, | | | L_ | <u>_</u> | <u> </u> | | L_ | | 1 |
| | 14 | 1 | | | <u> </u> | | | | | | |
| | 15 | ノ | _ | | L | | | | | | |
| | 16 | / | | | | | | | | | |
| | 17 | | | | | | | | | | |
| | 18 | | | | | | | | | |] . |
| | 19 | | | | | | Ī | | | | 1 |
| | 20 | | | | | | | | | | 1 |
| | 21 | / | | | | | Г | | | | 1 |
| | 22 | | Γ | | | | | | | | 1 |
| | 23 | | Π | | | П | | | | | 1 |
| | 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 | ~ | | | | Π | | | | | 3 |
| | 25 | / | | | | | | | | | ĺ |
| | 26 | / | | Г | Ī | | | | | | 1 |
| | 27 | | | | | | | $\overline{}$ | | | |
| | 28 | | | | | | | Г | | | 1 |
| П | 29 | | | | | 厂 | | | | | |
| | 30 31 | | T | | | | | | | | × |
| | 31 | | | | | | | | | | ١ |
| | 32 | | | | | | | | | | |
| | 33 | 1 | | | | | | | | | ŀ |
| | 33 34 | | | | \vdash | | | | | | 1 |
| | 35 | | | | | | | | | | |
| | 36 37 | | | | | | | | | | i i |
| | 37 | | | | | - | | | | | |
| | 38 39 | 1 | \vdash | | | | | | | | |
| | 39 | т | | | | | | | | | |
| | 40 | Ħ | | | | | | | | | |
| | 41 | \top | | _ | | | | | | _ | ۲. |
| | 42 | 十 | | _ | | _ | | | | | - |
| П | 43 | H | | | | | | | \vdash | | - |
| $\vdash \vdash$ | 44 | T | | | \vdash | \vdash | Н | | \vdash | | ٠. |
| ┌─┤ | 45 | H | | т | - | _ | | | | | |
| | 46 | 1 | | | - | | H | | H | | |
| | 47 | <u> </u> | 5.1 | - | - | | Н | | | | |
| \vdash | 48 | | 7 | | | | \vdash | - | Н | | |
| $\vdash \vdash \vdash$ | 49 | | \mathcal{A} | | | H | \vdash | | | | |
| \vdash | 50 | | 7 | | | | | | Ш | | , |
| ш | 50 | | V | نـــا | | | Ш | | L | | |

| Claim | | | Date | | | | | | | | |
|-------------|--|-----------------|--------------|----------|--------------|--------------|--------------|----------------|----------|--|----------|
| | | としてに いってい | [| Γ | | | [| Γ | Γ | | |
| ā | Original | Á | | | | | 1 | | | 1 | |
| Final | <u>E</u> | 1 | | | | | | | l | İ | w. |
| | 0 | 10 | | | | | | | | | |
| | 51 | 1,1 | ┢╌ | ┼─ | \vdash | \vdash | \vdash | t | T | \vdash | |
| | 51 52 53 54 55 | 1.2 | ┢ | ├ | ╁ | ╁╴ | ┢ | ╁ | + | \vdash | ۱. |
| <u> </u> | 53 | <u> </u> | ┢ | \vdash | ╫ | ╁ | ╁ | ┼ | - | 1 | - |
| ├ | 54 | M | \vdash | \vdash | - | ┢ | ├ | ⊢ | - | ╁ | - |
| | 55 | M | ⊢ | ├ | ⊢ | ⊢ | ⊢ | ⊢ | ⊢ | \vdash | ŀ |
| <u> </u> | 50 | ├ | | ┞ | ┞ | ┡ | ┡ | ┝ | ┞ | | ł |
| | 56 57 | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | _ | ↓ . |
| | 5/ | <u> </u> | ļ | <u> </u> | <u> </u> | L | | ┖ | ┖ | _ | ┨. |
| | 58 | <u></u> | | | <u> </u> | <u> </u> | | ┖ | | | " |
| | 59 | L | L | | | | | | | | |
| | 60 | L | | | | | | | | | |
| | 61 | | | | | | | | Π | | |
| | 62 | | | | Г | | | Π | П | | ŢĔ. |
| | 63 | | T | | | T | ı | | 1 | 1 | 1 |
| | 63 64 65 | Т | | | | | | T | \vdash | | 1 |
| | 65 | \vdash | \vdash | \vdash | - | _ | ╁ | | | \vdash | 1 |
| | 66 | \vdash | \vdash | | - | - | ├ | ╁─ | | - | -1 |
| | 66 67 | \vdash | \vdash | | | \vdash | ├ | | <u> </u> | ┢ | 1 |
| - | 60 | - | ├ | - | ┢ | ┢ | \vdash | _ | | - | 1 |
| | 00 | <u> </u> | | - | <u> </u> | - | ┢ | <u> </u> | ļ | <u> </u> | : A |
| | 69 | . | | | | | _ | <u> </u> | ļ | | |
| | 70 | | | <u> </u> | _ | | _ | _ | _ | | |
| | 71 | | | | | ┕ | L | L | L | | 4- |
| <u></u> | 72 | | | | | | L | <u>L_</u> | <u> </u> | | = 1 |
| | 68 69 70 71 72 73 74 75 76 77 78 79 | | | | | | | | | | |
| | 74 | | | | | | П | П | | Π | |
| | 75 | | | | | П | Г | | | | - |
| | 76 | | | | | | | | | | 1 |
| | 77 | | | | | ┢ | T | | | | |
| | 78 | _ | _ | | ├─ | ┢ | \vdash | \vdash | \vdash | \vdash | 3. |
| | 70 | | | | | \vdash | ┢ | | ┢ | \vdash | |
| <u> </u> | 90 | H | | \vdash | \vdash | - | | ⊢ | ├─ | \vdash | 1 |
| | 81 | - | - | \vdash | - | ├- | | | ⊢ | | ١. |
| | 01 | - | _ | <u> </u> | | _ | _ | ┢ | H | - | |
| <u> </u> | 82 83 | - | | - | | | | _ | _ | _ | 1 |
| | 83 | <u> </u> | | _ | | | | <u> </u> | <u> </u> | _ | |
| | 84 | Ш | | | | L. | _ | <u> </u> | <u></u> | | 1 |
| | 85 | | | | | | L. | _ | | | |
| | 86 | | | L. | | | | L | L | | |
| | 87 | | | | | | | | | | |
| | 88 89 | | | | | | | | | | |
| | 89 | | | | | | | | | | 1 . |
| | 90 | | | | Г | | | \vdash | | | |
| | 91 | Н | | | | | | | | | 1 |
| <u> </u> | 92 | | _ | | | \vdash | \vdash | \vdash | | | 1 |
| | 93 | $\vdash \vdash$ | | | | | \vdash | \vdash | \vdash | \vdash | |
| | 94 | \vdash | | - | - | | \vdash | | <u> </u> | | 1 |
| | | $\vdash \vdash$ | | <u> </u> | <u> </u> | <u> </u> | - | - | - | \vdash | Arry and |
| <u> </u> | 95 | Н | | H | <u> </u> | - | | <u> </u> | <u> </u> | \vdash | 2 |
| | 96 | \vdash | | Ш | \sqcup | _ | <u> </u> | <u> </u> | Ь. | <u> </u> | 1 1 |
| | 97 | | | Ш | Ш | Ц. | <u> </u> | _ | <u> </u> | <u> </u> | 27 |
| | 98 | | | | | | _ | | | | |
| | 99 | | | | | | | | | L | Ĭ., |
| | 400 | | _ | | _ | | | | _ | _ | 1 " |

| Claim | | Date | | | | | | | | |
|----------------------|--|--------------|--------------------------------|----------|--------------|----------|----------|----------|--------------------|-----------------|
| | | | | | | | | | Т | Т |
| Final | Original | | | | | | | | | |
| | | <u> </u> | L | | _ | | | L | | |
| | 101 102 103 | _ | _ | _ | <u> </u> | L | _ | | | |
| | 102 | | - | _ | | _ | _ | | | Н |
| | 103 | _ | <u> </u> | ├— | | <u> </u> | _ | | | H |
| | 104 | | | - | | _ | | | | Н |
| - | 104 105 106 | | - | \vdash | - | | ⊢ | | - | \vdash |
| \vdash | 107 | \vdash | - | \vdash | | - | | - | | Н |
| - | 107 108 109 | \vdash | \vdash | - | | - | - | | | Н |
| - | 109 | | | | _ | | | | 1 | Н |
| | 110 | | Г | | | | \vdash | _ | I | П |
| | 111 | | | | | | | | | П |
| | 112 | | | | | | | | | |
| L | 113 | | | | _ | | L | | | |
| | 110 111 112 113 114 115 116 | $oxed{oxed}$ | $oxedsymbol{oxedsymbol{oxed}}$ | | L | _ | | L | $oxedsymbol{oxed}$ | Ш |
| L | 115 | | <u> </u> | <u> </u> | | | | _ | _ | Ш |
| ļ | 116 | | <u> </u> | <u> </u> | | | | <u> </u> | | Ш |
| | 117 | _ | ├- | <u> </u> | | _ | | ┡ | ļ | |
| | 118 | _ | <u> </u> | <u> </u> | | <u> </u> | | | - | Н |
| | 118 119 120 | | | - | _ | - | _ | | <u> </u> | |
| | 121 | | _ | - | _ | - | | _ | _ | \vdash |
| | 122 | | | - | | | | | - | Н |
| | 123 | - | - | | | | | - | - | - |
| | 121 122 123 124 125 126 127 128 129 130 | | - | - | - | _ | | \vdash | | \vdash |
| | 125 | | | | | | | | | |
| | 126 | | | | | | | | | |
| | 127 | | | | | | | | | |
| | 128 | | | | | | | | | |
| | 129 | | | | | | | | | |
| <u></u> | 130 | | | | | | | | | Ш |
| <u> </u> | 131 | | _ | | | | | | | Щ |
| | 132 133 | | | | | _ | | | | Н |
| _ | 134 | | | | | _ | _ | _ | | Н |
| | 134 135 | | - | \vdash | | \vdash | | \vdash | | $\vdash \vdash$ |
| | 136 | | \vdash | | | - | _ | <u> </u> | | H |
| <u> </u> | 137 | | | | | | _ | - | | Н |
| | 137 138 | | | | | | | | | М |
| | 139 | | | | | | | | | |
| | 140 | | | | | | | | | |
| | 141 | | \Box | | | | | | | |
| | 142 | | | | | | | | | Щ |
| | 143 | | Щ | Щ | _ | | | | | |
| | 144 | | | | | _ | | | <u> </u> | Ш |
| | 145 | \dashv | _ | - | _ | _ | | _ | _ | Ш |
| | 146 | \dashv | | | | \dashv | | | | Н |
| \vdash | 147 148 | \dashv | Н | | \dashv | \dashv | | | | |
| \vdash | 149 | \dashv | | - | \dashv | \dashv | - | | | \dashv |
| $\vdash\vdash\vdash$ | 150 | | \dashv | | \dashv | \dashv | | - | | |
| ш | 130 | | | | | | | | | |